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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE			ATTY. DOCKET NO. S01-018/US	SERIAL NO. 09/992,480			
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)			APPLICANT Xinqiao Liu et al				
			FILING DATE 11/13/2001	GROUP 2621 2615			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A							
B							
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	ISSUE DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES NO
I							
J							
K							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
As L	A. Krymski et al.; "A high speed, 500 frames/s, 1024 X 1024 CMOS active pixel sensor;" Proceeding of the 1999 Symposium on VLSI Circuits, pp. 137-138, Jun. 1999						
As M	R. L. Lagendijk et al.; "Maximum likelihood image and blur identification: a unifying approach;" Opt. Eng., Vol. 29, No. 5, pp. 422-435, May 1990						
EXAMINER	<i>[Signature]</i>			DATE CONSIDERED 12/17/2004			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE								ATTY. DOCKET NO. S01-018/US	SERIAL NO. Not assigned
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)								APPLICANT Xinqiao Liu	
								FILING DATE Filed herewith	GROUP Not assigned 2615

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
ar	A	5	2	7	2	5	3	5	12/21/93	Elabd	358	213.11	6/13/91
ar	B	5	4	6	1	4	2	5	10/24/95	Fowler et al.	348	294	2/15/94
ar	C	5	5	8	3	3	6	7	12/10/96	Blossfeld	257	426	1/17/95
ar	D	5	7	4	2	0	4	7	4/21/98	Buhler et al.	250	214	10/1/96
ar	E	5	8	0	1	6	5	7	9/1/98	Fowler et al.	341	155	2/5/97
ar	F	5	8	4	1	1	2	6	11/24/98	Fossum et al.	250	208.1	1/24/975
ar	G	5	9	0	0	6	2	3	5/4/99	Tsang et al	250	208	8/11/97
ar	H	5	9	6	9	7	5	8	10/19/99	Sauer et al.	348	241	6/2/97
ar	AA	6	0	7	8	0	3	7	6/20/00	Booth, Jr.	250	208.1	4/16/98
ar	BB	6	1	3	0	4	2	3	10/10/00	Brehmer et al.	250	208.1	7/10/98
ar	CC	6	1	5	7	0	1	6	12/5/00	Clark et al.	250	208.1	9/30/97

#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						ISSUE DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES      NO
	I												
	J												
	K												

#### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	L		Hon-Sum Wong; "Technology and device scaling considerations for CMOS imagers;" IEEE TRANSACTIONS ON ELECTRON DEVICE, VOL. 43, NO. 12, DECEMBER 1996
ar	M	X	D. Yang et al.; "Comparative analysis of SNR for image sensors with enhanced dynamic range;" SPIE, EL 1999
ar	N	X	E. R. Fossum; "CMOS image sensors: electronic camera-on-chip;" IEEE TRANSACTIONS ON ELECTRON DEVICE, VOL. 44, NO. 10, OCT. 1996
ar	O	X	S. Kleinfelder et al.; "A 10K frames/s 0.18μM CMOS digital pixel sensor with pixel-level memory;" DIGEST OF TECHNICAL PAPERS OF THE 2001 IEEE INTERNATIONAL SOLID-STATE CIRCUITS CONFERENCE, PP. 88-99. FEB, 2001
ar	P	X	D. Kundur et al.; "Blind image deconvolution;" IEEE SIGNAL PROCESSING MAGAZINE, VOL. 13 NO. 5, PP.43-64, MAY 1996

<i>Ar</i>	<i>Q X</i>	M. R. Banham; "Digital image restoration;" IEEE SIGNAL PROCESSING MAGAZINE, VOL. 14 NO. 2, PP.24-41, MARCH 1997
<i>Ar</i>	<i>R X</i>	N. Stevanovic et al.; "A CMOS image sensor for high speed imaging;" ISSCC DIG. TECH. PAPERS, PP. 104-105, FEB 2000
<i>Ar</i>	<i>S X</i>	S. Kleinfelder et al.; "A 10,000 frames/s 0.18μM CMOS digital pixel sensor with pixel-level memory;" ISSCC DIG. TECH. PAPERS, FEB 2001
<i>Ar</i>	<i>T X</i>	O. Yadid-Pecht; "Wide intrascene dynamic range CMOS APS using dual sampling;" IEEE TRANS. ON ELECTRON DEVICES, VOL. 44 NO. 10, PP. 1721-1723, OCT. 1997
<i>Ar</i>	<i>U X</i>	D. Yang; et al.; "A 640 X 512 CMOS image sensor with ultra-wide dynamic range floating-point pixel level ADC;" IEEE J. SOLID-STATE CIRCUITS, VOL. 34, NO. 12, PP.1821-1834, DEC. 1999
<i>Ar</i>	<i>V X</i>	D. Yang et al.; "Comparative analysis of SNR for image sensors with enhanced dynamic range;" PROCEEDINGS OF THE SPIE, VOL. 3649, SAN JOSE, CA, JAN. 1999
<i>Ar</i>	<i>W X</i>	A. El. Gamal et al.; "Pixel level processing why?, what?, and how?" PROCEEDINGS OF THE SPIE, VOL. 3650, PP. 2-13, JAN. 1999
<i>Ar</i>	<i>X X</i>	S. H. Lim et al.; "Integration of image capture and processing-beyond single chip digital camera;" PROCEEDINGS OF THE SPIE, VOL. 4306, MARCH, 2001
<i>Ar</i>	<i>Y X</i>	X. Liu et al.; "Photocurrent estimation from mutiple non-destructive samples in a CMOS image sensor;" PROC. OF SPIE, VOL. 4306, MARCH, 2001
<i>Ar</i>	<i>Z</i>	S. J. Decker; " A 256X256 CMOS imaging array with wide dynamic range pixels and column-parallel digital output;" IEEE JOURNAL OF SOLID STATE ICRCUTS, VOL. 33, PP. 2081-1091, DEC, 1998
EXAMINER	<i>John W. O.</i>	DATE CONSIDERED <i>12/17/2004</i>

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